

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1998**

**Oregon**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>All Industries including State and local government<sup>7</sup></b>		1,518.3	6.8	3.4	2.1	3.5	6.4	3.2	2.0	3.3
<b>Private Industry<sup>7</sup></b>		1,316.3	6.9	3.4	2.1	3.5	6.5	3.2	2.0	3.3
<b>Agriculture, forestry, and fishing<sup>7</sup></b>		46.0	7.2	3.3	2.5	4.0	7.1	3.2	2.4	3.9
Agricultural production <sup>7</sup>	01-02	26.4	6.8	2.8	1.8	4.0	6.6	2.8	1.8	3.8
Agricultural production-crops <sup>7</sup>	01	23.8	6.4	2.6	1.8	3.8	6.2	2.6	1.8	3.7
Fruits and tree nuts <sup>7</sup>	017	7.6	6.2	2.5	1.6	3.7	6.2	2.5	1.6	3.7
Horticultural specialties <sup>7</sup>	018	9.0	6.6	2.8	1.5	3.8	6.5	2.8	1.5	3.8
Agricultural services	07	14.4	7.6	3.6	3.0	4.0	7.4	3.5	2.9	3.9
Landscape and horticultural services	078	6.2	7.5	4.5	3.6	3.0	7.3	4.3	3.4	3.0
Forestry	08	4.6	8.1	3.5	3.0	4.6	7.9	3.5	3.0	4.4
<b>Mining<sup>8</sup></b>		1.8	4.3	3.1	2.3	1.2	4.2	3.0	2.3	1.2
<b>Construction</b>		81.2	8.6	4.0	3.2	4.6	8.4	3.9	3.1	4.5
General building contractors	15	19.7	6.8	4.2	3.3	2.6	6.5	4.1	3.2	2.4
Residential building construction	152	11.5	7.3	5.2	4.4	2.1	6.9	5.2	4.4	1.7
Nonresidential building construction	154	8.1	6.3	2.9	1.9	3.4	6.0	2.8	1.7	3.2
Heavy construction, except building	16	9.6	8.6	4.3	3.0	4.2	8.5	4.3	3.0	4.2
Highway and street construction	161	3.6	4.8	1.6	1.0	3.2	4.8	1.6	1.0	3.1
Special trade contractors	17	51.9	9.2	3.8	3.2	5.4	9.1	3.8	3.1	5.4
Plumbing, heating, air-conditioning	171	11.4	7.9	4.5	4.4	3.4	7.9	4.5	4.4	3.4
Painting and paper hanging	172	3.3	5.2	2.4	2.4	2.8	5.2	2.4	2.4	2.8
Electrical work	173	10.2	10.4	3.8	2.6	6.7	10.4	3.7	2.5	6.6
Masonry, stonework, and plastering	174	5.9	8.7	3.2	2.0	5.5	8.6	3.1	2.0	5.4
Carpentry and floor work	175	4.4	11.1	5.0	4.4	6.1	11.1	5.0	4.4	6.1
Roofing, siding, and sheet metal work	176	3.8	14.3	7.0	6.9	7.3	14.0	6.8	6.7	7.1
Miscellaneous special trade contractors	179	8.7	9.7	2.7	2.1	7.0	9.5	2.5	1.9	7.0
<b>Manufacturing</b>		245.6	10.3	5.4	2.6	4.9	9.5	5.0	2.4	4.5
<b>Durable goods</b>		180.2	10.2	5.6	2.5	4.6	9.3	5.1	2.3	4.2
Lumber and wood products	24	50.9	13.1	7.2	2.9	5.9	12.2	6.8	2.7	5.4
Lathing	241	8.1	12.3	9.3	8.4	3.0	12.1	9.3	8.3	2.8
Sawmills and planing mills	242	14.0	17.8	9.3	1.6	8.5	17.0	8.8	1.5	8.2
Sawmills and planing mills, general	2421	13.1	17.9	9.1	1.5	8.8	17.2	8.8	1.5	8.5
Millwork, plywood and structural members	243	21.3	10.0	5.3	2.1	4.7	8.7	4.7	1.8	4.0
Wood buildings and mobile homes	245	3.7	15.6	8.4	2.3	7.2	15.1	7.9	2.0	7.1
Mobile homes	2451	3.4	16.4	9.0	2.4	7.4	15.8	8.4	2.1	7.3
Miscellaneous wood products	249	3.4	9.7	3.4	2.3	6.3	9.1	3.4	2.3	5.7
Stone, clay, and glass products	32	5.2	14.1	7.9	4.1	6.2	13.5	7.8	4.0	5.7
Primary metal industries	33	12.2	17.2	9.6	3.6	7.5	16.1	9.1	3.3	7.0
Primary nonferrous metals	333	2.7	13.2	8.9	2.1	4.3	11.5	8.4	1.9	3.1
Fabricated metal products	34	15.3	15.2	7.5	3.7	7.6	13.6	6.5	3.5	7.1
Fabricated structural metal products	344	5.5	18.0	8.7	5.8	9.3	17.8	8.6	5.8	9.2
Miscellaneous fabricated metal products	349	3.4	13.9	5.4	3.4	8.5	13.5	5.1	3.2	8.4
Industrial machinery and equipment	35	22.6	9.5	5.4	3.1	4.1	9.1	5.1	3.1	4.0
Special industry machinery	355	3.8	13.9	5.7	3.3	8.2	13.9	5.6	3.3	8.2

See footnotes at end of table.

Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued

## Oregon

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Computer and office equipment	357	6.6	3.9	2.9	0.7	1.0	2.7	1.9	0.5	0.9
Industrial machinery, n.e.c.	359	3.3	11.3	5.2	4.1	6.0	11.1	5.2	4.1	5.9
Industrial machinery, n.e.c.	3599	2.9	12.1	5.6	4.3	6.6	11.9	5.6	4.3	6.4
Electronic and other electric equipment	36	36.2	2.9	1.4	0.7	1.5	2.5	1.1	0.6	1.4
Electronic components and accessories	367	30.8	2.6	1.3	0.7	1.3	2.3	1.1	0.5	1.2
Printed circuit boards	3672	3.9	7.9	4.3	1.8	3.6	7.4	3.9	1.4	3.5
Transportation equipment	37	18.3	12.0	7.5	3.3	4.4	10.0	6.2	2.7	3.8
Motor vehicles and equipment	371	10.3	12.9	8.5	3.2	4.4	10.2	6.6	2.4	3.6
Instruments and related products	38	11.4	3.5	1.1	0.6	2.4	3.0	1.0	0.5	2.1
Measuring and controlling devices	382	7.1	2.7	1.0	--	1.7	--	0.9	--	1.5
Medical instruments and supplies	384	2.3	7.5	2.2	1.3	5.4	5.7	1.6	1.1	4.1
Miscellaneous manufacturing industries	39	4.2	7.1	3.6	1.7	3.5	6.2	3.1	1.5	3.1
<b>Nondurable goods</b>		65.4	10.6	5.0	2.7	5.6	9.9	4.7	2.6	5.3
Bakery products	205	2.9	13.4	7.0	4.6	6.3	12.9	6.8	4.4	6.1
Miscellaneous food and kindred products	209	3.5	13.3	6.7	3.8	6.6	12.1	6.1	3.2	6.0
Paper and allied products	26	8.5	7.3	3.2	1.9	4.0	6.9	3.1	1.8	3.8
Paper mills	262	3.0	6.7	3.4	2.0	3.3	6.1	3.3	1.9	2.9
Printing and publishing	27	16.2	7.4	4.3	1.9	3.1	6.9	4.2	1.8	2.7
Newspapers	271	4.9	7.7	3.1	2.6	4.6	7.2	3.0	2.5	4.2
Commercial printing	275	6.8	6.1	3.4	1.8	2.8	5.4	3.3	1.7	2.1
Commercial printing, lithographic	2752	5.1	5.9	3.8	2.0	2.1	5.4	3.7	1.9	1.8
Chemicals and allied products	28	3.5	5.9	3.5	2.4	2.4	5.7	3.5	2.4	2.2
Rubber and miscellaneous plastics products	30	7.4	10.9	3.5	2.5	7.5	10.8	3.3	2.5	7.4
Miscellaneous plastics products, n.e.c.	308	6.4	12.5	4.0	2.9	8.6	12.3	3.8	2.8	8.5
<b>Transportation and public utilities<sup>8</sup></b>		74.1	7.7	4.6	3.2	3.1	7.3	4.4	3.1	2.9
Railroad transportation <sup>8</sup>	40	--	4.4	3.3	2.6	1.1	4.3	3.2	2.5	1.1
Local and interurban passenger transit	41	4.8	9.4	3.3	2.9	6.1	9.3	3.3	2.9	6.0
Trucking and warehousing	42	26.8	7.4	3.4	2.9	4.0	7.3	3.4	2.8	3.9
Trucking and courier services, except air	421	24.7	7.2	3.2	2.8	4.0	7.1	3.2	2.8	3.9
Transportation services	47	5.2	3.6	2.3	1.5	1.3	3.5	2.3	1.5	1.2
Communications	48	13.2	3.4	1.4	0.9	1.9	2.8	1.1	0.7	1.7
Telephone communications	481	8.0	3.5	1.5	1.0	2.0	2.5	1.0	0.8	1.5
Electric, gas, and sanitary services	49	10.2	6.1	3.4	1.8	2.7	5.1	2.8	1.8	2.3
Electric services	491	6.2	4.4	2.8	1.0	1.6	3.0	1.7	1.0	1.3
<b>Wholesale and retail trade</b>		383.3	6.7	3.0	2.2	3.7	6.5	2.9	2.0	3.6
Wholesale trade		96.0	6.5	3.3	2.2	3.2	6.4	3.3	2.2	3.0
Wholesale trade--durable goods	50	53.7	6.5	3.3	2.1	3.2	6.4	3.3	2.0	3.1
Motor vehicles, parts, and supplies	501	7.4	9.2	4.7	3.6	4.5	9.0	4.5	3.4	4.5
Lumber and construction materials	503	5.8	6.2	3.4	1.8	2.8	5.9	3.4	1.8	2.5
Wholesale trade--nondurable goods	51	42.3	6.5	3.3	2.5	3.1	6.3	3.3	2.5	3.0
Paper and paper products	511	3.6	3.4	2.2	1.8	1.3	3.4	2.2	1.8	1.3
Groceries and related products	514	14.2	8.9	5.0	4.0	3.9	8.6	5.0	4.0	3.5
Miscellaneous nondurable goods	519	8.8	7.6	3.2	2.4	4.4	7.6	3.2	2.4	4.4

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued**

**Oregon**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
Retail trade		287.3	6.8	2.9	2.1	3.9	6.5	2.7	1.9	3.8
Building materials and garden supplies	52	12.5	6.8	3.7	2.6	3.1	6.7	3.7	2.6	3.0
General merchandise stores	53	36.0	9.4	4.2	2.5	5.1	9.2	4.1	2.5	5.0
Department stores	531	31.9	9.6	4.2	2.5	5.4	9.4	4.1	2.5	5.3
Automotive dealers and service stations	55	35.1	7.9	3.0	1.9	4.9	7.8	2.9	1.9	4.8
New and used car dealers	551	14.3	6.5	1.8	1.6	4.7	6.4	1.8	1.6	4.6
Gasoline service stations	554	10.9	8.8	3.7	1.2	5.2	8.7	3.6	1.2	5.1
Apparel and accessory stores	56	13.7	3.9	2.0	1.5	1.9	3.7	1.9	1.4	1.8
Furniture and homefurnishings stores	57	12.5	5.3	2.5	2.0	2.9	5.0	2.5	2.0	2.5
Miscellaneous retail	59	30.9	3.4	1.9	0.9	1.5	2.8	1.4	0.7	1.4
<b>Finance, insurance, and real estate</b>		83.2	2.0	0.7	0.5	1.4	1.8	0.6	0.4	1.1
<b>Services</b>		399.5	5.2	2.6	1.4	2.6	4.8	2.4	1.3	2.4
Hotels and other lodging places	70	21.4	7.3	4.0	3.4	3.3	7.0	3.8	3.2	3.2
Hotels and motels	701	20.0	7.4	4.1	3.5	3.2	7.1	3.9	3.3	3.2
Personal services	72	12.3	4.1	2.3	1.5	1.8	3.6	1.9	1.1	1.7
Auto repair, services, and parking	75	15.1	9.5	5.4	4.4	4.1	9.3	5.2	4.3	4.1
Miscellaneous repair services	76	4.4	8.5	3.7	2.4	4.8	8.5	3.7	2.4	4.8
Miscellaneous repair shops	769	2.7	11.1	4.8	2.8	6.3	11.1	4.8	2.8	6.3
Amusement and recreation services	79	21.0	5.0	2.0	1.3	3.0	4.9	1.9	1.2	2.9
Health services	80	104.7	7.4	3.6	1.8	3.9	6.6	3.3	1.6	3.3
Nursing and personal care facilities	805	15.3	14.9	9.9	2.7	5.1	14.8	9.7	2.6	5.1
Legal services	81	9.9	0.5	0.5	0.3	( <sup>a</sup> )	0.5	0.5	0.3	( <sup>a</sup> )
Educational services	82	15.9	2.8	1.3	0.7	1.5	2.5	1.2	0.7	1.3
Social services	83	38.8	7.8	4.6	2.1	3.2	7.6	4.6	2.1	3.0
Membership organizations	86	25.2	3.2	1.4	1.2	1.8	3.1	1.3	1.2	1.8
Engineering and management services	87	28.3	2.6	0.9	0.5	1.7	2.0	0.9	0.4	1.1
<b>State and local government</b>		202.0	6.1	2.9	2.3	3.2	5.7	2.7	2.2	3.0
<b>State government</b>		48.3	4.9	2.2	1.4	2.7	4.5	2.1	1.3	2.4
<b>Construction</b>		4.8	4.1	1.7	1.5	2.4	3.8	1.7	1.4	2.1
Heavy construction, except building	16	4.8	4.1	1.7	1.5	2.4	3.8	1.7	1.4	2.1
<b>Services</b>		20.2	4.7	2.3	1.4	2.4	4.5	2.3	1.3	2.2
Educational services	82	13.7	2.9	0.8	0.7	2.1	2.6	0.7	0.6	1.9
<b>Public administration</b>		22.7	5.4	2.3	1.5	3.1	4.8	2.0	1.3	2.8
Justice, public order, and safety	92	8.0	8.5	3.9	2.8	4.7	7.3	3.4	2.4	3.9
Administration of human resources	94	5.9	2.7	0.8	0.6	1.9	2.5	0.7	0.5	1.8
Environmental quality and housing	95	2.7	7.9	1.9	1.5	6.0	7.1	1.7	1.4	5.4
<b>Local government</b>		153.7	6.5	3.1	2.6	3.4	6.1	2.9	2.5	3.2

See footnotes at end of table.

**Table 6. Incidence rates<sup>1</sup> of nonfatal occupational injuries and illnesses by industry and selected case types, 1998 -- Continued**

**Oregon**

Industry <sup>2</sup>	SIC code <sup>3</sup>	1998 Annual average employment <sup>4</sup> (000's)	Injuries and Illnesses				Injuries			
			Total cases	Lost workday cases		Cases without lost work-days	Total cases	Lost workday cases		Cases without lost work-days
				Total <sup>5</sup>	With days away from work <sup>6</sup>			Total <sup>5</sup>	With days away from work <sup>6</sup>	
<b>Transportation and public utilities</b>		6.3	7.8	6.0	5.4	1.8	7.1	5.6	5.1	1.4
Electric, gas, and sanitary services	49	2.4	7.4	4.4	3.1	3.0	6.8	4.2	3.1	2.6
<b>Services</b>		96.2	6.0	2.2	1.9	3.8	5.6	2.0	1.7	3.6
Educational services	82	90.0	5.8	2.1	1.8	3.8	5.5	1.9	1.7	3.6
<b>Public administration</b>		49.1	7.1	4.2	3.4	--	6.8	4.0	3.3	--
Executive, legislative, and general	91	42.2	7.6	4.5	3.7	--	7.3	4.4	3.6	--

<sup>1</sup> Incidence rates represent the number of injuries and illnesses per 100 full-time workers and were calculated as: (N/EH) x 200,000 where

N = number of injuries and illnesses  
 EH = total hours worked by all employees during the calendar year  
 200,000 = base for 100 equivalent full-time workers (working 40 hours per week, 50 weeks per year).

<sup>2</sup> Totals include data for industries not shown separately.

<sup>3</sup> *Standard Industrial Classification Manual*, 1987 Edition.

<sup>4</sup> Employment is expressed as an annual average and is derived primarily from the BLS-State Covered Employment and Wages program. Employment in private households (SIC 88) is excluded.

<sup>5</sup> Total lost workday cases involve days away from work, or days of restricted work activity, or both.

<sup>6</sup> Days-away-from-work cases include those which result in days away from

work with or without restricted work activity.

<sup>7</sup> Excludes farms with fewer than 11 employees.

<sup>8</sup> Data conforming to OSHA definitions for mining operators in coal, metal, and nonmetal mining and for employers in railroad transportation are provided to BLS by the Mine Safety and Health Administration, U.S. Department of Labor; and the Federal Railroad Administration, U.S. Department of Transportation. Independent mining contractors are excluded from the coal, metal, and nonmetal mining industries.

<sup>9</sup> Incidence rate less than 0.05.

NOTE: Because of rounding, components may not add to totals.

n.e.c. = not elsewhere classified.

-- Indicates data not available.

SOURCE: Bureau of Labor Statistics, U.S. Department of Labor, Survey of Occupational Injuries and Illnesses, in cooperation with participating State agencies.